

SURGICAL IRRIGATION PUMP AND TOOL SYSTEM

ABSTRACT OF THE DISCLOSURE

5 An irrigation surgical tool system comprises a motorized handpiece, a tool for
insertion in the handpiece, a console including a mounting plate and peristaltic pump
rotor and a tube set including a cassette installable on the console for peristaltic
pumping of irrigation liquid to the tool. Passages in the tool allow irrigation liquid
flow, between a fixed outer tube and rotating inner tube of the tool, to a surgical site,
10 through windows in the tool inner and outer tubes. Application of suction to the tool
enables withdrawal through the inner tube of irrigation and surgical debris from the
surgical site.